

2018 JAN -9 PH 2:45

MEETING MINUTES

Belmont Conservation Commission

November 14, 2017 Meeting Minutes

Room 2 Town Hall

7:00 pm

Attendees:

Members: Jim Roth (Chairman); Jeff North; Peg Velie; Chris Morris; Charles Chiang;

Others: Mary Trudeau; Jay Marcotte (DPW Director); Michael Rose (Superintendent of Belmont Country Club); Andrew Cable (President of Belmont Country Club); Richard A. Nylen (Attorney for Belmont Country Club); Kelly Durfee Cardoza (Avalon Consulting for Belmont Country Club) and Paul McManus of Eco-Tec (representing Belmont Country Club).

7:05 Review of Minutes of October 24, 2017 meeting

The Commission reviewed the minutes of the October 24, 2017 meeting.

Upon a motion duly made and seconded, the vote was to approve the minutes as amended.

7:10 PQ Park Improvements Discussion with Jay Marcotte:

Jay Marcotte noted that the PQ Park Improvement project will now include a "storm captor" treatment unit in the storm water management strategy for the park. This improvement is required under the local storm water regulations, and will improve the quality of the run off generated within the Park. Jay stated that Jason Gould, a registered professional engineer engaged by the Town, has been working to develop the design, and will be providing drainage calculations to support the plans.

The Commission noted that as the drainage system includes a section of stream channel, within the system, a Notice of Intent will be required under the Massachusetts Wetlands Protection Act. Mary Trudeau agreed to work with Jay to prepare a Notice of Intent, once the design and supporting calculations have been finalized.

7:30 Notice of Intent Application: Belmont Country Club (106-)

The Country Club has proposed the dredging of a portion of the Clematis Brook, along Concord Avenue. The Club believes that the sedimentation observed in the brook is exacerbating a flooding condition noted on the upgradient fairways. The stream runs easterly along Concord Avenue, until it enters a twin 54 inch cross culvert running north south under the paved roadway.

Paul Mc Manus reviewed his wetlands delineation for the project, noting that there is limited wetlands vegetation along this portion of the waterway, and that there is a relatively steep slope between Concord Avenue and the waterway. He noted that the proposed work will require the issuance of a 401 WQC, and provided the Commission a copy of the recently filed application.

Work to dredge the stream will require bypass pumping of the flows within the waterway. The contractor proposes the use of coffer dams above the work area, and the use of a three (estimated) inch pump to move the water out of the work area and into the twin culverts. Paul noted that a perforated "trash can" tied to the end of the discharge hose can be used to dissipate the rate of discharges. Kelly Cardoza noted that it will be necessary to clean the twin culverts, using a vactor truck, to maximize the dredge benefits. The Commission discussed the condition of the stream on the far side of Concord Avenue, noting that this material may flow back into the culverts.

Paul McManus proposed the export of the dredge materials to a waiting dump truck, noting that the beds of the trucks will be "tight tanks" designed to prevent leaking of the muddy soils onto the roadway. He noted that there will be no onsite staging or storage of dredge materials, that all spoils will be deposited onto waiting trucks. Paul discussed the use of a construction style transit to establish survey control on the site, noting that excavation of the channel would be done until the machine hits refusal, ie a hard surface, or bottom of the stream.

The disposal of the materials will be to an approved disposal site. Mr. McManus noted that there is a landfill in Winchendon who accepts this type of spoil, using it to cap the open landfill areas.

The Commission questioned the flow rates within the existing stream. Mr McManus commented on the "flashy" nature of the urban brook, but did not have any precise flow data. Paul estimated that up to three feet of accumulated sediment will be dredged from the waterway. This depth has been estimated by field investigations of the stream bed.

At the request of the applicant, the Public Hearing was continued until the December 5, 2017 meeting of the Commission. The applicant agreed to address the questions remaining, including the trucking and hauling of the materials on public roads; the size of the pumps required to successfully bypass the work areas with the stream flows; corrections to the Water Quality Certification; and questions on the survey information used to establish the size of the stream channel.

Master Plan for Rock Meadow:

Mary Trudeau noted that she has made little progress on the project, to date.

Adjourn

Upon a motion to adjourn the meeting at 9:00 pm; as well as a second to the motion, the meeting was adjourned at 9:00 pm.